Subject Index of Volume 8

abdominal aortic aneurysm 800
abdominal back wall 1115
abdominal cavity 1115
abdominal gunshot wounds 366
abdominal pain 1202
abdominal tuberculosis 326
abdominal wall adhesions 871
abdominal wall defect 812, 1324
abdominal wall lifter 382
achalasia 921
acute acalculous cholecystitis 361
adenocarcinoma 42, 862, 1308
adhesiolysis 781, 1202
adhesion formation 127, 181, 777, 781, 934
adjustable silicone gastric band 1354
adrenalectomy, laparoscopic 135, 1348
AESOP 63, 1131
anal carcinoma 1186
anastomosis 130, 682, 686, 1117, 1190, 1195, 1399
anesthesia 422, 1272
aneuploidy 1412
animal models 25, 28, 57, 127, 181, 315, 677, 686, 707, 753, 759, 777, 857, 881, 1076, 1190, 1195, 1324, 1385, 1395, 1423
antireflux surgery 851, 1080, 1292
aortic injury 689
appendectomy,
—laparoscopic 371, 376, 714
—open 376
appendicitis 371
argon 315, 322

balloon dilatation 792
bifurcated airway stent 1409
bifurcated stent graft 800
bile duct 167, 173
—accessory 193, 205
bile duct anomalies 302, 329
bile duct injury 35, 770
bile leaks 193, 205, 208
bile stents 193
biliary surgery, laparoscopic 1423
biliary tract 1239
biliary trypsin 389
biopsy 762, 1305
bladder cancer 114
bleeding 672, 915, 1221, 1223, 1230, 1346
bleeding ulcer 405
blood flow 759
blood pool scan 421
body mass index 875
bowel endometriosis 682
bowel injury, thermal 197
bowel obstruction 694, 901
bricker operation 114
bronchoscopy 411
burn patients 1063
bursting strength 812, 1324

capacitive coupling 185
carbon dioxide 25, 315, 759
carbon dioxide laser 857
catheter removal 1113
catheter repositioning 1108
cavitation 416
celiotomy 366
cervical esophagus 1343
chest wall tumor 402
children 97, 326
cholangiography 167, 173
—cystic duct 299
—intravenous 289, 1182
—intraoperative 292, 299, 302, 396, 875, 927, 1182, 1227, 1443
—selective operative 289
—transparietohepatic 1182
cholangitis 1227
cholecystectomy,
—laparoscopic 28, 32, 35, 42, 83, 90, 165, 167, 193, 197, 205, 208, 211, 214, 285, 289, 292, 299, 302, 306, 329, 396, 416, 422, 689, 698, 739, 741, 748, 753, 770, 794, 797, 809, 875, 879, 890, 898, 903, 904, 913, 927, 1058, 1063, 1088, 1110, 1168, 1176, 1182, 1198, 1216, 1227, 1230, 1239, 1272, 1294, 1297, 1301, 1332, 1335, 1357, 1380, 1389, 1436, 1443
——laser-assisted 201
—open 35, 741, 875, 879, 1088, 1216, 1380
cholecystitis 809
—acute 337, 1301
cholecystocholangiography 299
choledocholithiasis 296, 1399
choledochoscopy, laparoscopic transcystic 310
choledochotomy 1399
cholelithiasis 890, 913, 1088, 1198
chromoendoscopy 1271, 1308
cirrhosis 1230
coagulation 1216
colectomy 12, 1352
colon 669
colon cancer 12, 1085
colon resection 881, 1190
colonic pseudo-obstruction 116
colonoscopy 116, 672, 784, 1352
colorectal cancer 393, 1117
colorectal polyps 1412
colorectal surgery 130, 707
colorectal tumors 1308
common bile duct 285, 289, 296, 306, 396, 1165
common bile duct exploration 1389, 1399, 1423
common bile duct stones 35, 289, 292, 296, 302, 310, 389, 1161, 1168, 1176, 1182, 1389, 1399
complications 35, 90, 111, 165, 181, 185, 193, 197, 201, 205, 208, 214, 306, 377, 408, 667, 672, 682, 689, 692, 694, 741, 770, 781, 797, 901, 903, 904, 913, 1202, 1212, 1230, 1316, 1332, 1335
compression stockings 214
compression-moving blade system 1246
Congo red 1308
continuous ambulatory peritoneal dialysis catheter 1108
cortisol 881
costs 32, 748, 848
credentials 396, 1375
cyst resection 1105, 1425
cystic duct 299, 302, 310, 329
cystic lymphangioma 1425
cystogastrostomy, pancreatic 1431
cystohepatic ducts 193

day surgery 1404
delayed type hypersensitivity 1385
didactic sessions 1054
Dieulafoy's gastric lesions 332
diffuse esophageal spasm 921
digital examination 382
dislocated catheter 1113
diversion colitis 19
DNA analysis 1412
double buttress repair 100
drainage 111
dual-channel pylorus 792
duodenum 197

electrohydraulic lithotripsy 1399
electrosurgery 185, 677, 1076
embolization 1223
endoclips 1324
endoscopic percutaneous jejunostomy (EPJ) 867
endoscopic retrograde cholangiopancreatography (ERCP) 193, 289, 396, 692, 1182, 1227
endoscopic sphincterotomy 310
endoscopic sutures 1292
endoscopy 332, 384, 672, 862, 1085, 1250, 1434
—intraoperative 915
enteral feeding 121, 717
enteral nutrition 1063
enteroscopy, laparoscopy-assisted 686
entrapment neuropathy 1050
enucleation, laparoscopic 1329
ergonomics 817
esophageal cancer 384, 1343, 1096, 1434
esophageal myotomy 921
esophagectomy, thoracoscopic 67
esophagoplasty 1250
esophagotracheal fistula 1434
extracorporeal shock-wave lithotripsy 1297, 1335
extraperitoneal endoscopic pelvic lymph node dissection (EEPLND) 124
extraperitoneal mesh 777

fecal diversion 19
fellowships 86
fenestration 884, 1427
fibrinolysis proteins 1216
fibrosis 1335
fine needle aspiration 326
flank approach 135
flexible bronchoscopy 411
flexible fiberoptic sigmoidoscopy 393
flow cytometry 1412
fluorocholangiography, digitized 302
foramen ovale 1108
fundoplication 851, 1080, 1417

gallbladder cancer 42, 211, 698, 1357, 1436
gallbladder polyps 42
gallbladder, inflamed, thick-walled 809
gallstones 389, 898, 913, 1332, 1335, 1360, 1443
gasless technique 382
gastrectomy 1312, 1395
gastric cancer 765, 862, 1305
gastric diverticulum 1338
gastric leiomyoma 887
gastric lumen 1072
gastric resection 887
gastric ulcer 405
gastric varices 1221
gastroenterostomy 107
gastroesophageal reflux disease 851, 1417
gastroesophageal regurgitation 1294

Subject Index of Volume 8

abdominal aortic aneurysm 800
abdominal back wall 1115
abdominal cavity 1115
abdominal gunshot wounds 366
abdominal pain 1202
abdominal tuberculosis 326
abdominal wall adhesions 871
abdominal wall defect 812, 1324
abdominal wall lifter 382
achalasia 921
acute acalculous cholecystitis 361
adenocarcinoma 42, 862, 1308
adhesiolysis 781, 1202
adhesion formation 127, 181, 777, 781, 934
adjustable silicone gastric band 1354
adrenalectomy, laparoscopic 135, 1348
AESOP 63, 1131
anal carcinoma 1186
anastomosis 130, 682, 686, 1117, 1190, 1195, 1399
anesthesia 422, 1272
aneuploidy 1412
animal models 25, 28, 57, 127, 181, 315, 677, 686, 707, 753, 759, 777, 857, 881, 1076, 1190, 1195, 1324, 1385, 1395, 1423
antireflux surgery 851, 1080, 1292
aortic injury 689
appendectomy,
—laparoscopic 371, 376, 714
—open 376
appendicitis 371
argon 315, 322

balloon dilatation 792
bifurcated airway stent 1409
bifurcated stent graft 800
bile duct 167, 173
—accessory 193, 205
bile duct anomalies 302, 329
bile duct injury 35, 770
bile leaks 193, 205, 208
bile stents 193
biliary surgery, laparoscopic 1423
biliary tract 1239
biliary trypsin 389
biopsy 762, 1305
bladder cancer 114
bleeding 672, 915, 1221, 1223, 1230, 1346
bleeding ulcer 405
blood flow 759
blood pool scan 421
body mass index 875
bowel endometriosis 682
bowel injury, thermal 197
bowel obstruction 694, 901
bricker operation 114
bronchoscopy 411
burn patients 1063
bursting strength 812, 1324

capacitive coupling 185
carbon dioxide 25, 315, 759
carbon dioxide laser 857
catheter removal 1113
catheter repositioning 1108
cavitation 416
celiotomy 366
cervical esophagus 1343
chest wall tumor 402
children 97, 326
cholangiography 167, 173
—cystic duct 299
—intravenous 289, 1182
—intraoperative 292, 299, 302, 396, 875, 927, 1182, 1227, 1443
—selective operative 289
—transparietohepatic 1182
cholangitis 1227
cholecystectomy,
—laparoscopic 28, 32, 35, 42, 83, 90, 165, 167, 193, 197, 205, 208, 211, 214, 285, 289, 292, 299, 302, 306, 329, 396, 416, 422, 689, 698, 739, 741, 748, 753, 770, 794, 797, 809, 875, 879, 890, 898, 903, 904, 913, 927, 1058, 1063, 1088, 1110, 1168, 1176, 1182, 1198, 1216, 1227, 1230, 1239, 1272, 1294, 1297, 1301, 1332, 1335, 1357, 1380, 1389, 1436, 1443
——laser-assisted 201
—open 35, 741, 875, 879, 1088, 1216, 1380
cholecystitis 809
—acute 337, 1301
cholecystocholangiography 299
choledocholithiasis 296, 1399
choledochoscopy, laparoscopic transcystic 310
choledochotomy 1399
cholelithiasis 890, 913, 1088, 1198
chromoendoscopy 1271, 1308
cirrhosis 1230
coagulation 1216
colectomy 12, 1352
colon 669
colon cancer 12, 1085
colon resection 881, 1190
colonic pseudo-obstruction 116
colonoscopy 116, 672, 784, 1352
colorectal cancer 393, 1117
colorectal polyps 1412
colorectal surgery 130, 707
colorectal tumors 1308
common bile duct 285, 289, 296, 306, 396, 1165
common bile duct exploration 1389, 1399, 1423
common bile duct stones 35, 289, 292, 296, 302, 310, 389, 1161, 1168, 1176, 1182, 1389, 1399
complications 35, 90, 111, 165, 181, 185, 193, 197, 201, 205, 208, 214, 306, 377, 408, 667, 672, 682, 689, 692, 694, 741, 770, 781, 797, 901, 903, 904, 913, 1202, 1212, 1230, 1316, 1332, 1335
compression stockings 214
compression-moving blade system 1246
Congo red 1308
continuous ambulatory peritoneal dialysis catheter 1108
cortisol 881
costs 32, 748, 848
credentials 396, 1375
cyst resection 1105, 1425
cystic duct 299, 302, 310, 329
cystic lymphangioma 1425
cystogastrostomy, pancreatic 1431
cystohepatic ducts 193

day surgery 1404
delayed type hypersensitivity 1385
didactic sessions 1054
Dieulafoy's gastric lesions 332
diffuse esophageal spasm 921
digital examination 382
dislocated catheter 1113
diversion colitis 19
DNA analysis 1412
double buttress repair 100
drainage 111
dual-channel pylorus 792
duodenum 197

electrohydraulic lithotripsy 1399
electrosurgery 185, 677, 1076
embolization 1223
endoclips 1324
endoscopic percutaneous jejunostomy (EPJ) 867
endoscopic retrograde cholangiopancreatography (ERCP) 193, 289, 396, 692, 1182, 1227
endoscopic sphincterotomy 310
endoscopic sutures 1292
endoscopy 332, 384, 672, 862, 1085, 1250, 1434
—intraoperative 915
enteral feeding 121, 717
enteral nutrition 1063
enteroscopy, laparoscopy-assisted 686
entrapment neuropathy 1050
enucleation, laparoscopic 1329
ergonomics 817
esophageal cancer 384, 1343, 1096, 1434
esophageal myotomy 921
esophagectomy, thoracoscopic 67
esophagoplasty 1250
esophagotracheal fistula 1434
extracorporeal shock-wave lithotripsy 1297, 1335
extraperitoneal endoscopic pelvic lymph node dissection (EEPLND) 124
extraperitoneal mesh 777

fecal diversion 19
fellowships 86
fenestration 884, 1427
fibrinolysis proteins 1216
fibrosis 1335
fine needle aspiration 326
flank approach 135
flexible bronchoscopy 411
flexible fiberoptic sigmoidoscopy 393
flow cytometry 1412
fluorocholangiography, digitized 302
foramen ovale 1108
fundoplication 851, 1080, 1417

gallbladder cancer 42, 211, 698, 1357, 1436
gallbladder polyps 42
gallbladder, inflamed, thick-walled 809
gallstones 389, 898, 913, 1332, 1335, 1360, 1443
gasless technique 382
gastrectomy 1312, 1395
gastric cancer 765, 862, 1305
gastric diverticulum 1338
gastric leiomyoma 887
gastric lumen 1072
gastric resection 887
gastric ulcer 405
gastric varices 1221
gastroenterostomy 107
gastroesophageal reflux disease 851, 1417
gastroesophageal regurgitation 1294

gastrointestinal hemorrhage 332, 788
gastrointestinal surgery 1448
gastrostomy,
—feeding 1049
—laparoscopic 47, 1072
—percutaneous endoscopic 47, 121, 694, 867, 1067, 1072, 1096
gastrostomy tube placement 1072
groin hernia 1316, 1358

hemobilia 201
hemodynamics 25, 315, 322
heparin, low-molecular-weight 214
hepatic artery pseudoaneurysm 201, 1223
hepatic cysts 884, 1103, 1105
hepatoduodenal ligament 173
herniorrhaphy, laparoscopic 100, 127, 181, 377, 719, 1050, 1212, 1316, 1404, 1439
Histoacryl glue 1434
holding strength 1285
human interface technology 817
hydatid cysts 1103
hypercoagulability 741
hypodermic needle illuminator 1127

ileal-loop conduit 114
image cytometry 1412
imaging procedures 1340
immune function 881, 1195, 1385
impermeable endoscopic sack 1092
incisional hernia 901
infiltration depth 1305
inflammatory polyp 1132
inguinal hernia repair 100, 127, 377, 719, 777, 1212, 1316, 1358, 1404
instruments 32, 140, 185, 382, 416, 748, 805, 823, 824, 1072, 1127, 1176, 1190, 1243, 1246, 1252, 1292, 1409, 1448
insufflation 1385
interleukin-6 1216, 1380
internal drainage 1427, 1431
interventional ultrasound 326
intestinal allograft rejection 762
intestinal burn 185
intraabdominal laparoscopic surgical techniques 1272
intraabdominal mesh prosthesis 127, 812
intraabdominal pressure (IAP) 25
intracorporeal instrumental ligation 1124
intrahepatic subcapsular biloma 208
intraoperative staging 765
intraperitoneal mesh 127, 287, 777

jejunal tube 121, 717
jejunostomy 121, 717

kidney 759, 1329, 1436
kidney transplantation 111, 1427
Kumar clamp 927

laparoendoscopy 686
laparoscopic adhesiolysis 781, 1202
laparoscopic cyst evacuation 1103
laparoscopic retraction 809
laparoscopic suture ligation 405
laparoscopy 12, 25, 57, 63, 97, 114, 130, 135, 185, 292, 306, 332, 366, 408, 682, 686, 777, 893, 1054, 1088, 1202, 1250, 1354, 1385
—diagnostic 361, 788, 1340, 1346, 1358
laparotomy 130, 1385
large bowel decompression 116
large bowel resection 677
laser injury 201
laser therapy 1096, 1431
learning curve 28, 371, 1176
ligature materials 1285
liver 759, 1103, 1105, 1335, 1340
liver lobe retractor 140
localization 915, 1085
lower gastrointestinal tract 672
lumbar plexus 1050
lung tumor 1243
lymphoceles 111, 1427

marginal ulcer 107
mechanical lithotripsy 1297
Meckel's diverticulum 1346
mediastinum 1250
mesenteric defect closure 130
metastatic implantation 1232, 1340, 1436
methylene blue 1308
Mexico 306
microendoscope 1072
microlaparotomy 1250
minilap cholecystectomy 1301
minimal access surgery 1047, 1375
minimally invasive surgery 111, 114, 306, 310, 847, 1380
missile wounds 366
morbid obesity 1354
Morgagni hernia 1439
multi-institutional study 770, 1168

Nd:YAG Contact Laser 677
neurilemona 402
neurofibromatosis 788
Nissen fundoplication 851, 1080, 1417
nutcracker esophagus 921

Ogilvie's syndrome 116
omentectomy 1108
omentoplasty 1427
oncologic resection 1117
open hernia repair 1404
operating technique 1117, 1246, 1409
oral cancer 1232
ovarian dermoid cysts 1092
oxidized regenerated cellulose (TC7) 934

pain 90, 97, 682, 784
Pakistan 67
palliative therapy 1096, 1343
pancreas transplant 890
pancreatectomy 57
pancreatic cancer 1340
pancreatic juice reflux 389
pancreatic pseudocysts 1431
pancreatitis 408, 1223
pancreatoduodenectomy 408
paraesophageal hernia 893
patch closure 1434
patient position 1115, 1129, 1272
pelvic lymphadenectomy 25
peptic ulcers 1312
percutaneous endoscopic gastrostromy (PEG) 47, 121, 694, 867, 1067, 1072, 1096, 1232
percutaneous endoscopic jejunostomy 121
perforated peptic ulcers 1208
perforation 672, 1221
peridiverticular abscess 1132
peritoneal insufflation 759, 1385
peritoneum 1212
pH monitoring 1294
pheochromocytoma 906
pneumoperitoneum 25, 382, 714, 1110
—argon 315, 322
pneumothorax 797
polypectomy 672
polypoid gallbladder cancer 1436
polypropylene mesh 777, 812, 1324
positive end-expiratory pressure (PEEP) 25
postoperative adhesive peritoneal disease 781
preceptored introduction 1063
pregnancy 794
preoperative staging 1186
preperitoneal nerve anatomy 377
proctoring guidelines 396
proctosigmoidectomy 1117
Prolene mesh 127
0-Prolene sutures 812
prostate cancer 124
pulmonary embolism 214
pyloric obstruction 792

radioimmunoassay 389
rectosigmoidoscopy 672
rectum 669
renal cell carcinoma 1329
residency 1054, 1058
resident education 86, 707, 848
respiratory system 25
retroperitoneal organs 1425
right atrial to left atrial shunt 1110
robotics 63, 817, 1131
Rosetti fundoplication 1417

sclerotherapy 1221
sector scanning probe 1176
self-expanding esophageal stent 1343
self-expanding prosthesis 821, 822
self-expanding tracheobronchial stents 411
serum cytokines 1380
situs inversus viscerum 1227
sleeve retrieval system 1246
slipknots 1285
small bowel resection 686
small bowel transplantation 762
small intestinal bleeding 915
sphincter of Oddi dysfunction 389
sphincterotomy 1399
—endoscopic 310
splenectomy 910, 931
splenic injury 910
splenic trauma 692
staples 1050, 1212
—endoscopic 777, 812, 1324
stent placement 1409
suction-irrigation devices 185
surgery,
—conservative 910
—endoscopic 83, 86, 721, 1246, 1285
—laparoscopic 63, 111, 135, 165, 181, 332, 337, 377, 382, 405, 669, 677, 698, 748, 759, 805, 823, 824, 851, 857, 871, 884, 906, 1054, 1092, 1113, 1129, 1190, 1208, 1252, 1271, 1395, 1399, 1423
surgical clips 753
surgical stress response 1216
sutureless laparoscopy 1208
sutures 1292
suturoscope 1292

tension-free repair 100
thoracoscopy 402, 921, 1243
three-dimensional laparoscope 1448
thromboembolic disease 214
tissue slicers 1246
Toupet partial fundoplication 851, 1417
tracheobronchial stenosis 411, 1409
training 28, 86, 707, 721, 848, 1047, 1054, 1058, 1063, 1375

transabdominal preperitoneal (TAPP) approach 100, 127
transcystic duct extraction 1389
transcystic lithotripsy 1399
transesophageal echocardiography 1110
transmural suture technique 1230
transparietohepatic cholangiography 1182
trauma ICU patients 361
treatment strategy 384
trocar insertion 901, 1076
tumor excision 1246

ulcer, marginal 107
ultrasonic dissection 416
ultrasonography 167, 173, 326, 765, 805, 871, 875, 1163, 1176, 1182, 1186, 1239
umbilical hernia 904
unsuspected carcinoma 211, 698
unsuspected stones 302
upper gastrointestinal endoscopy 107, 332

vagotomy,
—laparoscopic-assisted 1312
—selective proximal 857
venous thromboembolism 741
ventriculoperitoneal shunts 1113
videolaparoscopy 910
virtual reality 817
viscera slide detection 871
volvulus 903

Whipple procedure 408
wire-cutting device 1246